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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/007,037	12/04/2001	John M. Lucassen	YOR920010462US (8728-527)	2456
46069	7590	06/07/2005	EXAMINER	
F. CHAU & ASSOCIATES, LLC 130 WOODBURY ROAD WOODBURY, NY 11797			ZHEN, WEI Y	
			ART UNIT	PAPER NUMBER
			2191	

DATE MAILED: 06/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/007,037	LUCASSEN ET AL.	
	Examiner	Art Unit	
	Wei Y. Zhen	2191	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 December 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 and 8-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-6 and 8-15 is/are allowed.
- 6) ☒ Claim(s) 16-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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1. This office action is in response to the amendment filed on 12/20/2004.
2. Claims 1-6, 8-30 are pending.
3. The objection to Oath/Declaration is hereby withdrawn in view of applicant's argument.
4. The rejections to claims 1-15 under 35 U.S.C. 101 are hereby withdrawn in view of applicant's amendment.
5. The rejections to claims 1-6, 9-15 under 35 U.S.C. 102 rejections are hereby withdrawn in view of applicant's amendments and arguments.
6. The rejection to claim 8 under 35 U.S.C. 103 rejection is hereby withdrawn in view of applicant's amendment and argument.

Claim Rejections - 35 USC § 112

7. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 16-30 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. As per claims 16, 26, the claims are amended to recite the limitations of "displaying the application model with an updated portion of the application model highlighted for user review" which the Examiner can not find any sections in the specification that support this claim

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limitation. For purpose of applying prior art rejections, the Examiner is interpreting this limitation broadly as showing the user an updated portion.

Claim Rejections - 35 USC § 102

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 16-30 are rejected under 35 U.S.C. 102(e) as being anticipated by Gergic et al, U.S. Pub. No. 2003/0046316.

As Per claim 16, Gergic discloses a first modality-specific view of the application (E.g. see FIG. 9, view V0 and associated text); automatically updating an application model in response to the editing of the first modality specific view; and adapting a second modality-specific view of the application (E.g. see FIG. 9, view V1 and associated text) based on the updated application model (E.g. see FIG. 4, 9-11, 14-15 and associated text, see page 14, section ([03271]); displaying the application model with an updated portion of the application model for user review ([1310-1312], [1322-1324]).

As Per claim 17, the rejection of claim 16 is incorporated and further Gergic teaches: the step of rendering a modality-specific view using an associated browser" (E.g. see FIG. 4, 9-11, 14-15 and associated text).

As Per claim 18, the rejection of claim 16 is incorporated and further Gergic teaches: the application model comprises an interaction logic and customization meta- data page (E.g. see page 50, section [1349]).

As Per claim 19, the rejection of claim 16 is incorporated and further Gergic teaches: the step of automatically generating a corresponding modality-specific representation for each modality supported by the application through a transformation of the application model (E.g. see FIG.10 and associated text, i.e. see page 47-48, section [1330]).

As Per claim 20, the rejection of claim 16 is incorporated and further Gergic teaches the step of automatically generating the application model from a modality-specific representation generated during the editing step" (E.g. see FIG.4, 9-11, 14-15 and associated text, i.e. see page 14, section [0327] and page 47-48, section [1330]).

As Per claim 21, the rejection of claim 16 is incorporated and further Gergic teaches: the step of accessing and editing the application model (E.g. see FIG.4, 9-11, 14-15 and associated text, i.e. see page 14, section [0327] and pages 47-48, section [1330]).

As Per claim 22, the rejection of claim 21 is incorporated and further Gergic teaches: the step of displaying the application model in a window in one of a DOM (document object model), text, and symbolic representations (E.g. see page 6, section [0063]).

As Per claim 23, the rejection of claim 22 is incorporated and further Gergic teaches: the step of highlighting a portion of the displayed application model that were built non-deterministically (E.g. see FIG. 11 and associated, i.e. see page 3, section [0023] and page 48, section [1331]).

As Per claim 24, the rejection of claim 16 is incorporated and further Gergic teaches' wherein the application comprises a multi-channel application, wherein a given page comprises snippets associated with the first and second modality-specific views (E.g. see FIG. 14-1 5 and associated text , i.e. page 35, section [1090]).

AS Per Claim 25, the rejection of claim 16 is incorporated and further Gergic teaches: wherein the method steps are performed by an application authoring tool" (E.g. see page 7, section (0092) and page 47, section (13272).

As Per Claim 26, is the program storage device readable claim corresponding to the method claim 16 and is rejected under the same reason set forth in connection of the rejection of claim 16.

As Per claim 27, Gergic teaches a method for authoring an application, comprising the steps of: separately editing a plurality of modality-specific views" (E.g. see FIG. 9 and associated text , i.e. page 47, section [1325]); automatically generating a modality-specific model for each view (E.g. see FIG. 9 and associated text , i.e. page 47, section [1325]),. and merging blocks of the modality-specific models to generate a single representation of an application model (E.g. see FIG. 4, 5A-5B and associated text, i.e. see page 7, section [0095], "modality-independent building blocks...can be appropriately combined...").

As Per claim 28, the rejection of claim 27 is incorporated and further Gergic teaches: adding synchronization information to merged blocks (E.g. see pages 6-7, section [0086] and page 7, section [0095]).

As Per claim 29, the rejection of claim 28 is incorporated and further Gergic teaches: wherein the application models comprises a pseudo DOM (document object model)

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representation of the application, wherein interaction components comprise blocks in each modality that are synchronized with each other" (E.g. see page 6, section [0063]).

As Per claim 30, the rejection of claim 27 is incorporated and further Gergic teaches: wherein the method steps are performed using a application development tool" (E.g. see page 7, section [0092] and pages 45-46, section (1292)).

Allowable Subject Matter

9. Claims 1-6, 8-15 are allowed.

Response to Arguments

10. Applicant's arguments, see p. 8, filed on 12/20/2004, with respect to claims 1-6, 9-15 have been fully considered and are persuasive. The rejections of claims 1-6, 8-15 has been withdrawn. Applicant's arguments, see p. 10, filed on 12/20/2004, with respect to claim 8 have been fully considered and are persuasive. The rejections of claim 8 has been withdrawn.

11. Applicant's arguments with respect to claims 16-30 filed 12/20/2004 have been fully considered but they are not persuasive.

Applicant has argued:

1) Gergie does not disclose "displaying the application model with an updated portion of the application model highlighted for user review" as recited in claims 16, 26.

Examiner's response:

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1) Since the Examiner can not find any sections in the specification that support this claim limitation. For purpose of applying prior art rejections, the Examiner is interpreting this limitation broadly as showing the user an updated portion. Gergie clearly discloses showing the user an updated portion ([1310-1312], [1322-1324]).

Applicant has argued:

2) Applicant find nothing in Gergie that discloses “merging blocks of the modality-specific models to generate a single representation of an application model”.

Examiner’s response:

2) Gergie clearly disclose merging blocks of the modality-specific models to generate a single representation of an application model (E.g. see FIG. 4, 5A-5B and associated text, i.e. see page 7, section [0095], “modality-independent building blocks... can be appropriately combined...”).

Conclusion

12. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

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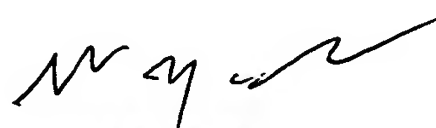
CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Wei Y. Zhen whose telephone number is (571) 272-3708. The examiner can normally be reached on Monday-Friday, 8 a.m. - 4:30 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Dam can be reached on (571) 272-3695. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Wei Zhen
5/31/2005



WEI Y. ZHEN
PRIMARY EXAMINER